

For the last two elements of claim 1, the examiner takes official notice that multiple exposures are known. First, the last two elements of claim 1 specify more than just a second exposure. Claim 1 specifies that after the second exposure, different charges are converted than for the first exposure, and specifies that different charges are dumped. Second, regardless of whether multiple exposures are known, there must be some suggestion or motivation to modify Pool. The examiner has provided no suggestion or motivation as to why one would modify Pool to expose a second time, much less convert and dump different charges as specified. Finally, modification by double exposure would render Pool unsatisfactory for its intended purpose, which is time delay integration. No *prima facie* case for obviousness has been established.

Claims 2-5 are dependent from non-obvious claim 1, and accordingly non-obvious.

The following comments are in regard to other art made of record by the examiner.

U.S. Patent Number 4,573,078 does not teach or suggest exposing an array of photosensors to light from an image; shifting a first portion of charges from the array of photosensors to an amplifier; dumping a second portion of the charges; exposing the array of photosensors to light from the image again; dumping the first portion of charges from the array of photosensors; and shifting the second portion of charges from the array of photosensors to the amplifier.

U.S. Patent Number 5,272,535 does not teach or suggest exposing an array of photosensors to light from an image; shifting a first portion of charges from the array of photosensors to an amplifier; dumping a second portion of the charges; exposing the array of photosensors to light from the image again; dumping the first portion of charges from the array of photosensors; and shifting the second portion of charges from the array of photosensors to the amplifier.

This application is considered to be in condition for allowance and such action is earnestly solicited.

Respectfully submitted,

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